



July 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Comprehensive Assessment System is the State's measure of student progress in achieving the State standards, known as *Learning Results*, adopted by the Maine Legislature in 1997. The Maine Educational Assessment (MEA) is administered in grades 3 through 8 to meet these state assessment requirements. Since the spring of 2006, the SAT Reasoning Test™ (SAT) has been administered to students in their third year of high school in place of the MEA for state and federal purposes. The move from the MEA to the SAT in grade 11 was made to encourage all students in the goal of attaining college and high-level workplace readiness as well as to measure achievement. As last year, the mathematics portion of the SAT Reasoning Test™ was augmented with 18 additional mathematics items (the Math-A test) to more fully measure Maine's *Learning Results*. Additionally, Science and Technology testing resumed this year after a two-year hiatus. The combined tests form the Maine High School Assessment (MHSA).

Because the MHSA Science & Technology achievement level standards had not been revised in 2006 like all other disciplines, it was necessary to revise the standards for that discipline this spring. The new achievement level standards are the result of a comprehensive process informed by Maine teachers and reviewed by advisory committees. The achievement level standards for the 2008 Critical Reading, Writing and Mathematics sections of the MHSA were not changed.

These 2007-2008 Maine High School Assessment Summary Reports contain the results of student performance in critical reading, mathematics, writing, and science & technology reported according to the achievement standards described above and disaggregated by student and school characteristics. This report, together with individual student and subject-specific student roster reports, provides support for use in program evaluation and planning. All scores contained in these reports are included for Maine state and federal reporting purposes only. While scores for most students may also be used for college admission, scores for students who received accommodations during the test administration that exceeded those made available by the College Board are not college reportable.

The state results reflect scores based on SAT, Math-A, and Science & Technology test questions that were taken by over 15,000 students who were enrolled in their third year of high school across all Maine public schools. The MHSA employs a design that requires students to create a written response to a writing prompt, generate answers to open-ended mathematics and science & technology questions, and in all subjects, select answers to multiple-choice questions. More information about the design, history, and use of the SAT can be found at: http://www.maine.gov/education/sat_initiative/.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and graduate from any Maine high school prepared for college, career, and citizenship.

Sincerely,

Susan A. Gendron
Commissioner of Education



High School Report

Test Date: May 2008
ID: 10881283
SAU: Lewiston School Department
School: Lewiston High School

Contents of the Report

The report is divided into six main sections including a section describing the students tested and a separate section for the results in each content area.

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SUMMARY OF SCORES

Test Date: May 2008

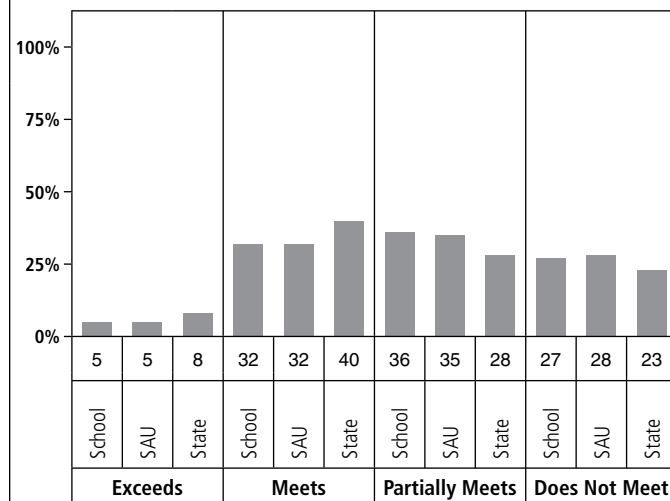
SAU: Lewiston School Department

School: Lewiston High School

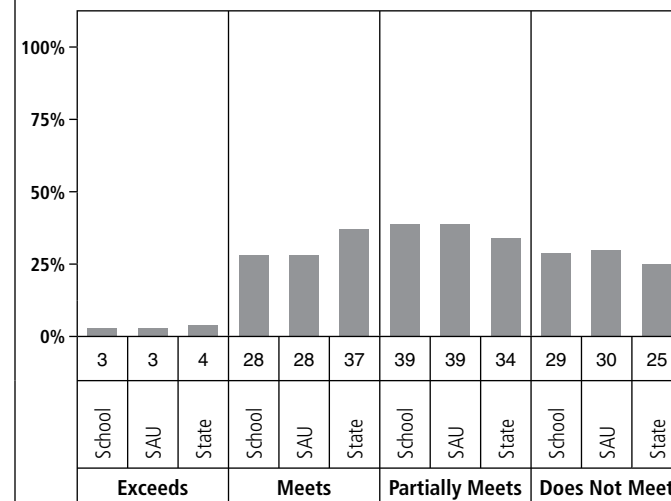
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
Critical Reading 2006–2007 2007–2008	1138 1138	1138 1137	1141 1141
Mathematics 2006–2007 2007–2008	1138 1139	1138 1139	1140 1141
Writing 2006–2007 2007–2008	1138 1137	1138 1136	1141 1140
Science 2007–2008	1139	1139	1141

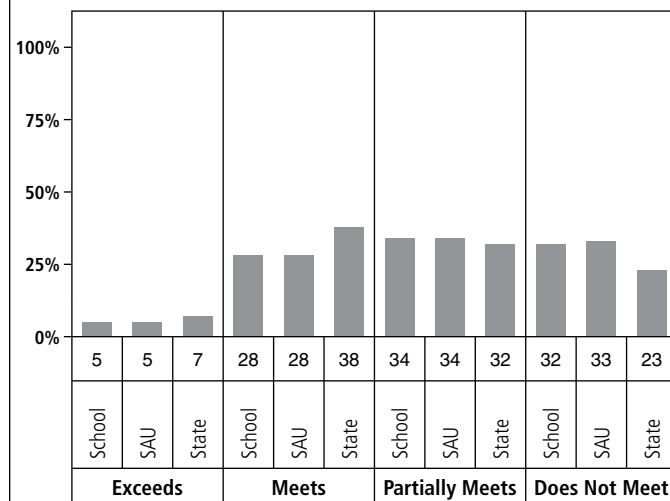
CRITICAL READING



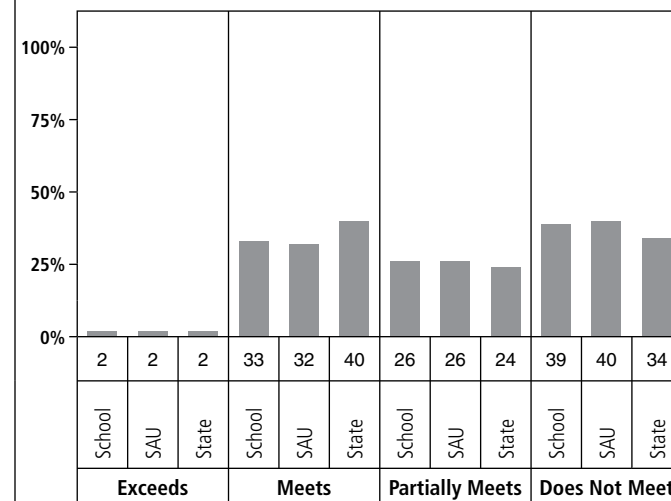
MATHEMATICS



WRITING



SCIENCE



SUMMARY OF STUDENT PARTICIPATION

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

CATEGORY OF PARTICIPATION		Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																											
								Critical Reading						Mathematics						Writing						Science									
		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State					
		N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%				
Total number of students		297	100	303	100	15604	100	285	96	289	95	14875	96	293	99	298	98	15165	97	284	96	288	95	14869	96	287	97	292	96	14961	96				
Ethnicity African American/Black		38	13	38	13	305	2	35	92	35	92	261	86	37	97	37	97	286	95	35	92	35	92	260	86	36	95	36	95	280	93				
American Indian or Native Alaskan		0	0	0	0	103	1	0	0	0	0	95	93	0	0	0	0	97	95	0	0	0	0	95	93	0	0	0	0	93	91				
Asian or Pacific Islander		6	2	6	2	215	1	6	100	6	100	194	90	6	100	6	100	202	94	6	100	6	100	194	90	6	100	6	100	200	93				
Hispanic		2	1	2	1	140	1	2	100	2	100	118	84	2	100	2	100	123	88	2	100	2	100	118	84	2	100	2	100	120	86				
Caucasian/White		251	85	257	85	14841	95	242	96	246	96	14207	96	248	99	253	98	14457	98	241	96	245	95	14202	96	243	97	248	96	14268	96				
Not Reported		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Identified disability		39	13	44	15	2247	14	36	92	40	91	2065	93	38	97	43	98	2138	96	35	90	39	89	2060	92	37	95	42	95	2081	93				
Current LEP		37	12	37	12	648	4	33	89	33	89	508	79	34	92	34	92	564	87	33	89	33	89	507	78	32	86	32	86	534	83				
Economically disadvantaged		128	43	132	44	4028	26	118	92	122	92	3682	92	125	98	129	98	3831	95	117	91	121	92	3679	92	122	95	126	95	3755	94				
Migrant		0	0	0	0	5	0	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100	0	0	0	0	5	100				

MODE OF PARTICIPATION ³	Critical Reading						Mathematics						Writing						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Participation without accommodations	248	84	249	82	13042	84	256	86	258	85	13332	85	248	84	249	82	13042	84	251	85	253	83	13192	85
Identified disability (PET/IEP)	15	6	16	6	739	6	17	7	19	7	810	6	15	6	16	6	739	6	16	6	18	7	791	6
LEP	23	9	23	9	399	3	24	9	24	9	456	3	23	9	23	9	399	3	23	9	23	9	436	3
504 plan	1	0	1	0	196	2	1	0	1	0	204	2	1	0	1	0	196	2	1	0	1	0	201	2
Participation with accommodations	27	9	30	10	1623	10	27	9	30	10	1624	10	27	9	30	10	1625	10	26	9	29	10	1567	10
Identified disability (PET/IEP)	11	41	14	47	1117	69	11	41	14	47	1119	69	11	41	14	47	1119	69	11	42	14	48	1088	69
LEP	9	33	9	30	93	6	9	33	9	30	93	6	9	33	9	30	93	6	8	31	8	28	83	5
504 plan	0	0	0	0	58	4	0	0	0	0	58	4	0	0	0	0	58	4	0	0	0	0	55	4
Other	7	26	7	23	367	23	7	26	7	23	366	23	7	26	7	23	367	23	7	27	7	24	353	23
Participation through alternate assessment (PAAP)	10	3	10	3	209	1	10	3	10	3	209	1	9	3	9	3	202	1	10	3	10	3	202	1
Identified disability (PET/IEP)	10	100	10	100	209	100	10	100	10	100	209	100	9	100	9	100	202	100	10	100	10	100	202	100
LEP	1	10	1	10	15	7	1	10	1	10	15	7	1	11	1	11	15	7	1	10	1	10	15	7
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																		
Approved non-participation – special consideration	0	0	0	0	36	0	0	0	0	0	40	0	0	0	0	0	36	0	0	0	0	0	38	0
Non-participation – other	12	4	14	5	693	4	4	1	5	2	399	3	13	4	15	5	699	4	10	3	11	4	605	4

¹ Percents are the percentage of students enrolled in each participation category.

² Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³ Percents are the percentage of students in each content area by mode.

CRITICAL READING RESULTS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the reading standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within reading at the grade level assessed. Evidence includes responses to multiple-choice items in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws in-depth inferences, analyzes texts for subtle clues, synthesizes information across texts, and uses knowledge of text structures and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 1161-1180)	2005-2006	11	4	11	4	1079	7
	2006-2007	25	8	25	8	1168	8
	2007-2008	14	5	14	5	1184	8
	Cum. Total*	50	6	50	6	3431	8
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by applying a variety of reasoning skills and prior knowledge as the student draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to increase comprehension. (scaled score 1141-1160)	2005-2006	79	29	79	29	5697	38
	2006-2007	103	33	104	33	5714	38
	2007-2008	89	32	89	32	5885	40
	Cum. Total*	271	32	272	31	17296	39
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to use a variety of reasoning skills and prior knowledge varies depending on the texts as s/he draws inferences, identifies summary statements, connects ideas within and across texts, and uses knowledge of text structures and literary devices to support comprehension. (scaled score 1129-1140)	2005-2006	84	31	84	31	4772	32
	2006-2007	90	29	90	29	4728	31
	2007-2008	98	36	98	35	4093	28
	Cum. Total*	272	32	272	31	13593	30
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often incorrect leaving the impression that the student found it difficult to use a variety of reasoning skills and prior knowledge as s/he draws inferences, identifies summary statements, connects ideas within and across texts, or uses knowledge of text structures and literary devices to support comprehension. (scaled score 1100-1128)	2005-2006	100	36	101	37	3595	24
	2006-2007	93	30	94	30	3444	23
	2007-2008	73	27	77	28	3417	23
	Cum. Total*	266	31	272	31	10456	23

CRITICAL READING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	274	14	5	89	32	98	36	73	27	1138	278	5	32	35	28	1137	14579	8	40	28	23	1141
Ethnicity																						
African American/Black	34	2	6	2	6	5	15	25	74	1125	34	6	6	15	74	1125	248	4	21	27	48	1132
American Indian or Native Alaskan	0										0						94	5	27	28	40	1134
Asian or Pacific Islander	6	0	0	2	33	1	17	3	50	1135	6	0	33	17	50	1135	192	4	35	30	31	1138
Hispanic	2										2						115	5	32	26	37	1136
Caucasian/White	232	12	5	83	36	92	40	45	19	1140	236	5	35	39	21	1139	13930	8	41	28	23	1141
Not Reported	0										0						0					
Identified disability																						
Yes	25	0	0	3	12	4	16	18	72	1124	29	0	10	14	76	1122	1823	1	9	24	65	1126
No	249	14	6	86	35	94	38	55	22	1139	249	6	35	38	22	1139	12756	9	45	29	17	1143
Current LEP																						
Yes	32	0	0	1	3	3	9	28	88	1121	32	0	3	9	88	1121	488	3	22	24	52	1132
No	242	14	6	88	36	95	39	45	19	1140	246	6	36	39	20	1140	14091	8	41	28	22	1141
Economically disadvantaged																						
Yes	111	2	2	27	24	36	32	46	41	1133	115	2	23	31	43	1132	3545	3	28	30	39	1134
No	163	12	7	62	38	62	38	27	17	1141	163	7	38	38	17	1141	11034	10	44	27	19	1143
Migrant																						
Yes	0										0						5	20	0	40	40	1136
No	274	14	5	89	32	98	36	73	27	1138	278	5	32	35	28	1137	14574	8	40	28	23	1141
Gender																						
Female	141	8	6	52	37	52	37	29	21	1140	143	6	36	36	22	1140	7237	8	42	30	19	1142
Male	133	6	5	37	28	46	35	44	33	1135	135	4	27	34	34	1135	7342	8	38	26	28	1140
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	9	30	61	1127
No	274	14	5	89	32	98	36	73	27	1138	278	5	32	35	28	1137	14476	8	41	28	23	1141
Gifted/talented program																						
Yes	0										0						295	48	48	4	0	1161
No	274	14	5	89	32	98	36	73	27	1138	278	5	32	35	28	1137	14284	7	40	29	24	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the mathematics standards for achieving Maine's *Learning Results*. Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within mathematics at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL *					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult or unfamiliar problems, and apply complex concepts. (scaled score 1161-1180)	2006-2007 2007-2008	6 9	2 3	6 9	2 3	578 637	4 4
Meets the Standards – The student's work demonstrates an understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to reason, analyze and solve problems, and apply concepts. (scaled score 1141-1160)	2006-2007 2007-2008	93 80	29 28	93 80	29 28	5481 5508	36 37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems and apply concepts. (scaled score 1133-1140)	2006-2007 2007-2008	100 111	32 39	100 111	31 39	4754 5065	31 34
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and apply concepts. (scaled score 1100-1132)	2006-2007 2007-2008	117 82	37 29	122 87	38 30	4607 3660	30 25

MATHEMATICS RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	282	9	3	80	28	111	39	82	29	1139	287	3	28	39	30	1139	14870	4	37	34	25	1141
Ethnicity																						
African American/Black	36	0	0	2	6	9	25	25	69	1129	36	0	6	25	69	1129	274	1	12	31	57	1133
American Indian or Native Alaskan	0										0						96	2	24	30	44	1136
Asian or Pacific Islander	6	1	17	3	50	1	17	1	17	1148	6	17	50	17	17	1148	200	8	37	34	22	1142
Hispanic	2										2						120	3	23	32	43	1138
Caucasian/White	238	8	3	74	31	100	42	56	24	1140	243	3	30	41	25	1140	14180	4	38	34	24	1141
Not Reported	0										0						0					
Identified disability																						
Yes	27	0	0	1	4	5	19	21	78	1131	32	0	3	16	81	1130	1896	0	8	22	70	1130
No	255	9	4	79	31	106	42	61	24	1140	255	4	31	42	24	1140	12974	5	41	36	18	1142
Current LEP																						
Yes	33	1	3	2	6	5	15	25	76	1129	33	3	6	15	76	1129	545	3	16	28	53	1135
No	249	8	3	78	31	106	43	57	23	1140	254	3	31	42	24	1140	14325	4	38	34	24	1141
Economically disadvantaged																						
Yes	118	1	1	23	19	46	39	48	41	1136	122	1	19	38	43	1135	3695	1	22	37	40	1136
No	164	8	5	57	35	65	40	34	21	1141	165	5	35	39	21	1141	11175	5	42	33	19	1142
Migrant																						
Yes	0										0						5	20	20	40	20	1144
No	282	9	3	80	28	111	39	82	29	1139	287	3	28	39	30	1139	14865	4	37	34	25	1141
Gender																						
Female	142	3	2	40	28	64	45	35	25	1139	145	2	28	44	26	1139	7362	3	36	36	24	1140
Male	140	6	4	40	29	47	34	47	34	1138	142	4	28	33	35	1138	7508	5	38	32	25	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	8	41	51	1134
No	282	9	3	80	28	111	39	82	29	1139	287	3	28	39	30	1139	14767	4	37	34	24	1141
Gifted/talented program																						
Yes	0										0						296	35	59	5	0	1158
No	282	9	3	80	28	111	39	82	29	1139	287	3	28	39	30	1139	14574	4	37	35	25	1140

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

WRITING RESULTS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the writing standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within writing at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's responses demonstrate skillful ability to select clear, precise sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity, precision and overall effectiveness of a passage. The student's essay demonstrates an effectively developed and insightful point of view on the issue and outstanding critical thinking, with clearly appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and clearly focused, demonstrating clear coherence and smooth progression of ideas and free of most errors in grammar, usage, and mechanics. (scaled score 1161-1180)	2005-2006	8	3	8	3	952	6
	2006-2007	13	4	13	4	937	6
	2007-2008	13	5	13	5	962	7
	Cum. Total*	34	4	34	4	2851	6
Meets the Standards – The student's responses demonstrate ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates an effectively developed point of view on the issue and strong critical thinking, with generally appropriate examples, reasons, and other evidence to support a position. The essay is well-organized and focused, demonstrating coherence and progression of ideas and generally free of most errors in grammar, usage, and mechanics. (scaled score 1141-1160)	2005-2006	78	28	78	28	6055	40
	2006-2007	117	38	117	37	6167	41
	2007-2008	78	28	78	28	5564	38
	Cum. Total*	273	32	273	32	17786	40
Partially Meets the Standards – The student's responses demonstrate inconsistent ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a developed point of view on the issue and some critical thinking, but may do so inconsistently or with inadequate examples, reasons, or other evidence to support a position. The essay is generally organized and focused, but may demonstrate some lapses in coherence or progression of ideas and may contain errors in grammar, usage, and mechanics. (scaled score 1129-1140)	2005-2006	95	35	94	34	4916	32
	2006-2007	82	26	82	26	4723	31
	2007-2008	94	34	94	34	4679	32
	Cum. Total*	271	32	270	31	14318	32
Does Not Meet the Standards – The student's responses demonstrate limited ability to select clear sentence improvements that are free of awkwardness or ambiguity; to recognize grammar and usage errors; and to select revisions that add to the clarity and overall effectiveness of a passage. The student's essay demonstrates a vague or seriously limited point of view on the issues and weak critical thinking, with inappropriate or insufficient examples, reasons, or other evidence to support a position. The essay is poorly organized and/or focused and may contain an accumulation of errors in grammar, usage, and mechanics that interfere with understanding the message of the essay. (scaled score 1100-1128)	2005-2006	93	34	95	35	3221	21
	2006-2007	99	32	101	32	3227	21
	2007-2008	89	32	93	33	3376	23
	Cum. Total*	281	33	289	33	9824	22

WRITING RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	274	13	5	78	28	94	34	89	32	1137	278	5	28	34	33	1136	14581	7	38	32	23	1140
Ethnicity																						
African American/Black	34	1	3	2	6	6	18	25	74	1126	34	3	6	18	74	1126	248	2	19	30	49	1131
American Indian or Native Alaskan	0										0						94	3	19	38	39	1133
Asian or Pacific Islander	6	1	17	1	17	1	17	3	50	1133	6	17	17	17	50	1133	192	6	30	34	30	1137
Hispanic	2										2						115	2	30	36	33	1136
Caucasian/White	232	11	5	74	32	86	37	61	26	1138	236	5	31	36	28	1138	13932	7	39	32	22	1140
Not Reported	0										0						0					
Identified disability																						
Yes	25	1	4	1	4	4	16	19	76	1124	29	3	3	14	79	1123	1825	1	7	23	69	1125
No	249	12	5	77	31	90	36	70	28	1138	249	5	31	36	28	1138	12756	7	43	33	17	1142
Current LEP																						
Yes	32	1	3	0	0	4	13	27	84	1122	32	3	0	13	84	1122	488	3	19	29	49	1131
No	242	12	5	78	32	90	37	62	26	1139	246	5	32	37	27	1138	14093	7	39	32	22	1140
Economically disadvantaged																						
Yes	111	2	2	25	23	31	28	53	48	1132	115	2	22	27	50	1132	3546	2	25	35	38	1134
No	163	11	7	53	33	63	39	36	22	1139	163	7	33	39	22	1139	11035	8	42	31	18	1142
Migrant																						
Yes	0										0						5	20	0	20	60	1131
No	274	13	5	78	28	94	34	89	32	1137	278	5	28	34	33	1136	14576	7	38	32	23	1140
Gender																						
Female	141	8	6	50	35	53	38	30	21	1140	143	6	35	37	22	1139	7239	8	43	33	17	1142
Male	133	5	4	28	21	41	31	59	44	1133	135	4	21	30	45	1133	7342	6	34	31	30	1138
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						103	0	7	39	54	1128
No	274	13	5	78	28	94	34	89	32	1137	278	5	28	34	33	1136	14478	7	38	32	23	1140
Gifted/talented program																						
Yes	0										0						295	42	53	4	0	1159
No	274	13	5	78	28	94	34	89	32	1137	278	5	28	34	33	1136	14286	6	38	33	24	1139

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

ACHIEVEMENT LEVELS: Achievement level definitions describe the quality of a student's responses on state-level assessments in relation to the science standards for achieving Maine's *Learning Results*.

Maine state-level assessments measure the knowledge and skills of students by sampling identified standards within science at the grade level assessed. Evidence includes responses to a combination of multiple-choice items and items requiring student-created responses in an "on demand" setting.

		STUDENTS AT EACH ACHIEVEMENT LEVEL*					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 1161-1180)	2007-2008	5	2	5	2	300	2
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 1141-1160)	2007-2008	91	33	91	32	5927	40
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 1135-1140)	2007-2008	72	26	72	26	3544	24
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 1100-1134)	2007-2008	109	39	114	40	4988	34

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	15	27	5.91	39.4	5.83	38.9	6.41	42.7
Cluster 2: Physical Sciences	14	25	5.36	38.3	5.28	37.7	6.22	44.4
Cluster 3: Earth and Space Sciences	14	25	4.71	33.6	4.63	33.1	5.04	36.0
Cluster 4: Nature and Implications of Science	13	23	6.02	46.3	5.95	45.8	6.59	50.7

Cluster 1: Life Sciences
A. Classifying Life Forms
B. Ecology
C. Cells

Cluster 2: Physical Sciences
E. Structure of Matter
H. Energy
I. Motion

Cluster 3: Earth and Space Sciences
D. Continuity and Change
F. The Earth
G. The Universe

Cluster 4: Nature and Implications of Science
J. Inquiry and Problem Solving
K. Scientific Reasoning
L. Communication
M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MHSA measures a grade span expectation, which can be found at <http://www.maine.gov/education/salt/gles.htm>.

SCIENCE RESULTS BY REPORTING SUBGROUPS

Test Date: May 2008
SAU: Lewiston School Department
School: Lewiston High School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	277	5	2	91	33	72	26	109	39	1139	282	2	32	26	40	1139	14759	2	40	24	34	1141
Ethnicity																						
African American/Black	35	0	0	5	14	2	6	28	80	1130	35	0	14	6	80	1130	269	0	20	14	65	1134
American Indian or Native Alaskan	0										0						92	1	24	28	47	1138
Asian or Pacific Islander	6	0	0	2	33	2	33	2	33	1142	6	0	33	33	33	1142	199	3	36	25	36	1140
Hispanic	2										2						118	1	26	19	54	1136
Caucasian/White	234	5	2	82	35	68	29	79	34	1140	239	2	34	28	35	1140	14081	2	41	24	33	1141
Not Reported	0										0						0					
Identified disability																						
Yes	27	0	0	2	7	4	15	21	78	1132	32	0	6	13	81	1131	1879	0	11	17	72	1133
No	250	5	2	89	36	68	27	88	35	1140	250	2	36	27	35	1140	12880	2	44	25	28	1142
Current LEP																						
Yes	31	0	0	2	6	2	6	27	87	1128	31	0	6	6	87	1128	519	1	18	19	62	1134
No	246	5	2	89	36	70	28	82	33	1140	251	2	35	28	35	1140	14240	2	41	24	33	1141
Economically disadvantaged																						
Yes	115	1	1	26	23	27	23	61	53	1136	119	1	22	23	55	1135	3651	1	26	24	49	1137
No	162	4	2	65	40	45	28	48	30	1141	163	2	40	28	30	1141	11108	3	45	24	29	1142
Migrant																						
Yes	0										0						5	20	40	40	0	1146
No	277	5	2	91	33	72	26	109	39	1139	282	2	32	26	40	1139	14754	2	40	24	34	1141
Gender																						
Female	140	2	1	46	33	37	26	55	39	1139	143	1	32	26	41	1139	7277	1	37	26	36	1140
Male	137	3	2	45	33	35	26	54	39	1139	139	2	32	25	40	1139	7482	3	43	22	32	1141
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						100	1	5	22	72	1133
No	277	5	2	91	33	72	26	109	39	1139	282	2	32	26	40	1139	14659	2	40	24	34	1141
Gifted/talented program																						
Yes	0										0						296	13	80	5	3	1152
No	277	5	2	91	33	72	26	109	39	1139	282	2	32	26	40	1139	14463	2	39	24	34	1140

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number